

Carlo Colantuoni

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,662
citations

687363

13
h-index

888059

17
g-index

27
all docs

27
docs citations

27
times ranked

2898
citing authors

#	ARTICLE	IF	CITATIONS
1	A multimodal cell census and atlas of the mammalian primary motor cortex. <i>Nature</i> , 2021, 598, 86-102.	27.8	316
2	Developmental and genetic regulation of the human cortex transcriptome illuminate schizophrenia pathogenesis. <i>Nature Neuroscience</i> , 2018, 21, 1117-1125.	14.8	300
3	Convergence of placenta biology and genetic risk for schizophrenia. <i>Nature Medicine</i> , 2018, 24, 792-801.	30.7	214
4	A transcriptomic and epigenomic cell atlas of the mouse primary motor cortex. <i>Nature</i> , 2021, 598, 103-110.	27.8	166
5	Decomposing Cell Identity for Transfer Learning across Cellular Measurements, Platforms, Tissues, and Species. <i>Cell Systems</i> , 2019, 8, 395-411.e8.	6.2	121
6	gEAR: Gene Expression Analysis Resource portal for community-driven, multi-omic data exploration. <i>Nature Methods</i> , 2021, 18, 843-844.	19.0	100
7	High throughput analysis of gene expression in the human brain. , 2000, 59, 1-10.		71
8	Local Mean Normalization of Microarray Element Signal Intensities across an Array Surface: Quality Control and Correction of Spatially Systematic Artifacts. <i>BioTechniques</i> , 2002, 32, 1316-1320.	1.8	58
9	Genome-Scale Transcriptional Regulatory Network Models of Psychiatric and Neurodegenerative Disorders. <i>Cell Systems</i> , 2019, 8, 122-135.e7.	6.2	45
10	projectR: an R/Bioconductor package for transfer learning via PCA, NMF, correlation and clustering. <i>Bioinformatics</i> , 2020, 36, 3592-3593.	4.1	45
11	PatternMarkers & GWCoGAPS for novel data-driven biomarkers via whole transcriptome NMF. <i>Bioinformatics</i> , 2017, 33, 1892-1894.	4.1	39
12	Behaviorally Activated mRNA Expression Profiles Produce Signatures of Learning and Enhanced Inhibition in Aged Rats with Preserved Memory. <i>PLoS ONE</i> , 2013, 8, e83674.	2.5	34
13	Single-Nucleus RNA-Seq Reveals Dysregulation of Striatal Cell Identity Due to Huntington's Disease Mutations. <i>Journal of Neuroscience</i> , 2021, 41, 5534-5552.	3.6	30
14	Variation of Human Neural Stem Cells Generating Organizer States InÂVitro before Committing to Cortical Excitatory or Inhibitory Neuronal Fates. <i>Cell Reports</i> , 2020, 31, 107599.	6.4	20
15	Putative Autoantigen Leiomodin-1 Is Expressed in the Human Brain and in the Membrane Fraction of Newly Formed Neurons. <i>Pathogens</i> , 2020, 9, 1036.	2.8	11
16	Pattern Identification in Time-Course Gene Expression Data with the CoGAPS Matrix Factorization. <i>Methods in Molecular Biology</i> , 2014, 1101, 87-112.	0.9	9
17	Upregulation of Superoxide Dismutase 2 by Astrocytes in the SIV/Macaque Model of HIV-Associated Neurologic Disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 2020, 79, 986-997.	1.7	4
18	Two-stage linked component analysis for joint decomposition of multiple biologically related data sets. <i>Biostatistics</i> , 2022, 23, 1200-1217.	1.5	3

#	ARTICLE	IF	CITATIONS
19	Plasma microRNAs are associated with domain-specific cognitive function in people with HIV. <i>Aids</i> , 2021, 35, 1795-1804.	2.2	1